T.Y.B.PHARM. SEMESTER-VI (CBCS - 2015 COURSE) : SUMMER - 2018

SUBJECT: PHARMACEUTICAL ANALYSIS-IV

Day: Date		Monday 23/04/2018	S-2018-3934	Time: 10.00 AM TO 01.00 PM Max. Marks: 60
N.B:				
	2) 3)	questions each Figures to the r	P. No. 5 are COMPULSORY. Out of ren from Section-I and Section-II. ight indicate FULL marks. Sooth section should be written in SEPAR	
			SECTION-I	
Q.1	a) b)	Attempt ANY FIV How is the Rf valuvalue be used for? What is HPTLC?	E of the following: ne for a spot on a TLC Plate calculated?	What can the Rf
	c) d) e) f)	What could happen Give the chemical t Give the advantage:	if you spot too much of compound on the ests for checking adulterants in Tea Powe s of band applications of sample over spo en if your solvent level is above the le	ler. t applications.
Q.2	a) b)		applications of TLC. s and disadvantages of TLC.	(07) (03)
Q.3	a) b)	-	velopment techniques in TLC. ests for checking adulterants in spices.	(07) (03)
Q.4	a) b) c)	Role and responsibi	n ANY TWO of the following: lities of Food Inspector advantages of HPTLC TLC	(10)
			SECTION-II	
Q.5	a)b)c)d)e)f)	Why Reverse Phase What do you unders Give the properties	_	rty detector?
Q.6	a) b)	Discuss in detail pur Explain in brief abo	mps used in HPLC. ut sample injector system in HPLC.	(07) (03)
Q.7	a) b)	Discuss the instrume Give in brief the pri	entation of SFC. nciple involved in SFC.	(07) (03)
Q.8	a) b) c)	Columns used in HI Applications of SFC		(10)